

FIG. 1

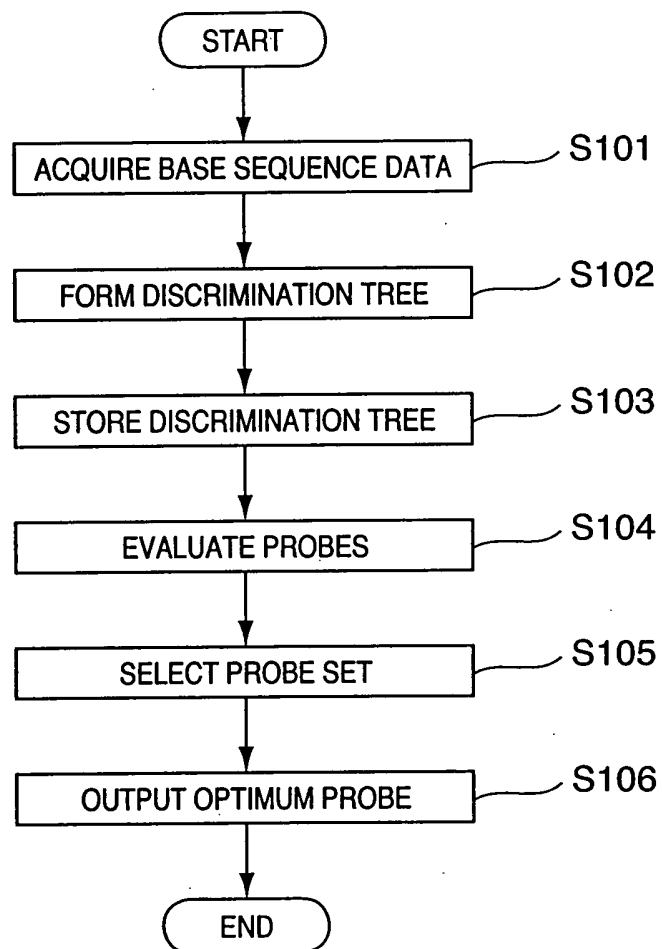


FIG. 2

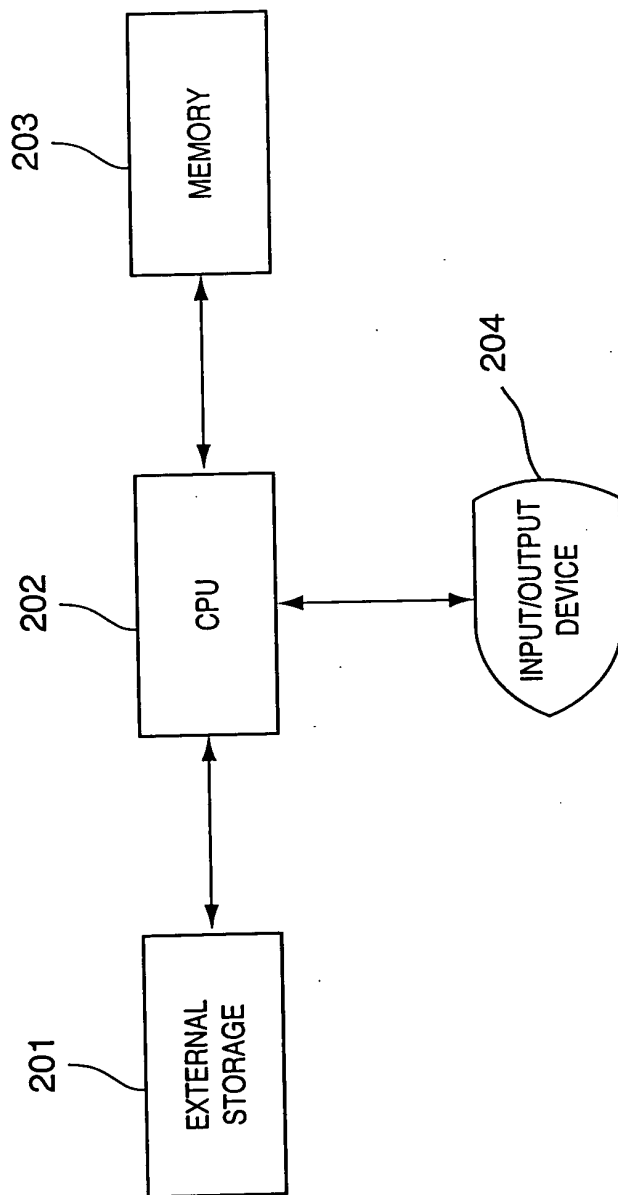


FIG. 3

DRB1*0101	GAGCGGGTGC GGTGCTGGA AAGATGCATC TATAACCAAG AGGAGTCCGT ... ..
DRB1*04011	GAGCGGGTGC GGTTCCTGGA CAGATACTTC TATCACCAAG AGGAGTACGT ... ..
DRB1*07011	GAGCGGGTGC AGTTCCTGGA AAGACTCTTC TATAACCAGG AGGAGTTCGT ... ..
DRB1*15011	GAGCGGGTGC GGTTCCTGGA CAGATACTTC TATAACCAGG AGGAGTCCGT ... ..
...	... ..

**FIG. 4**

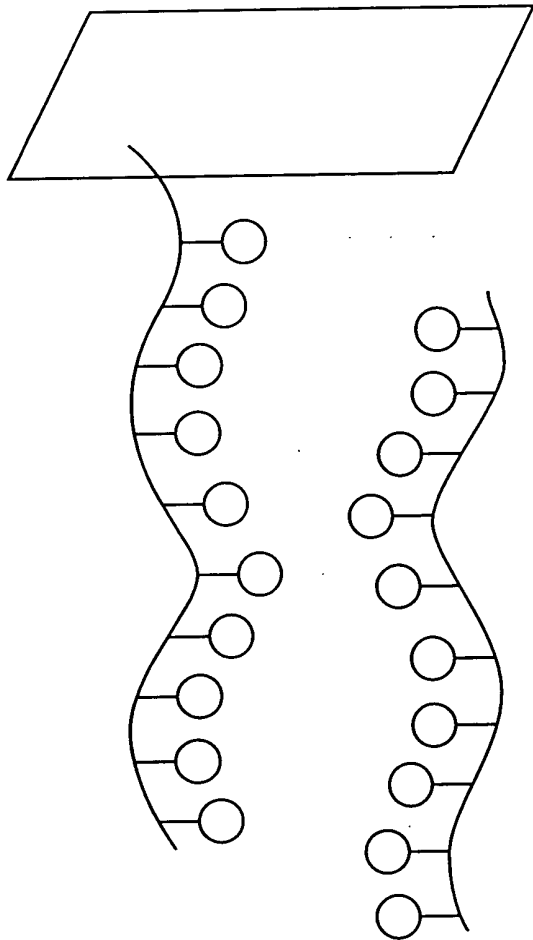
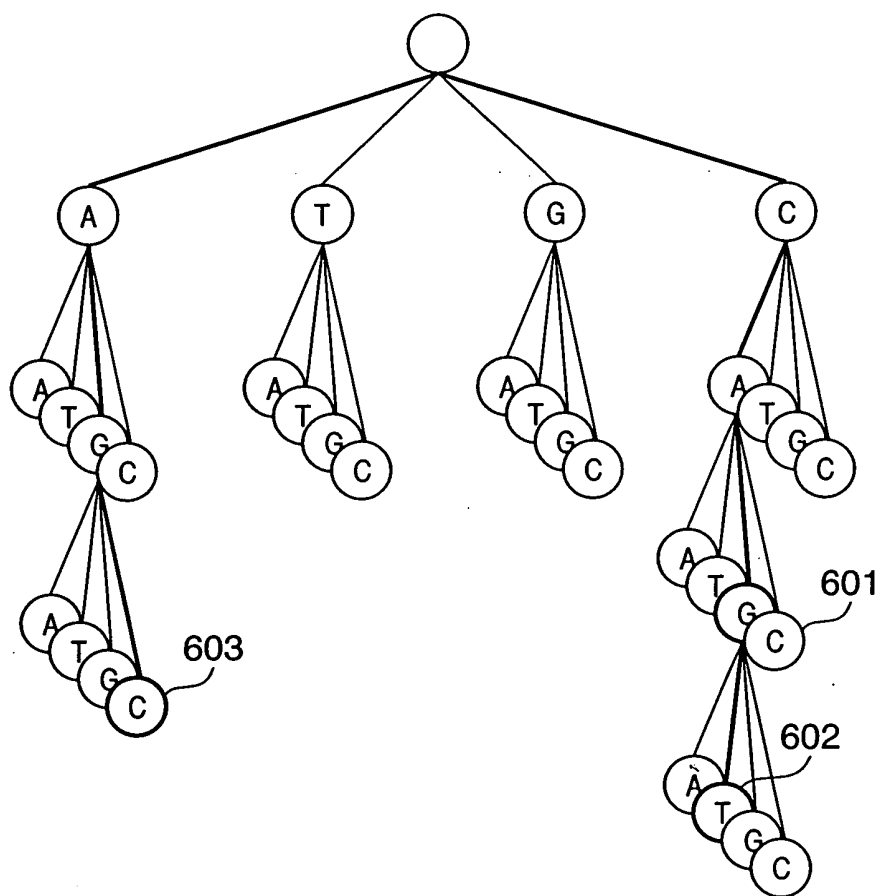


FIG. 5

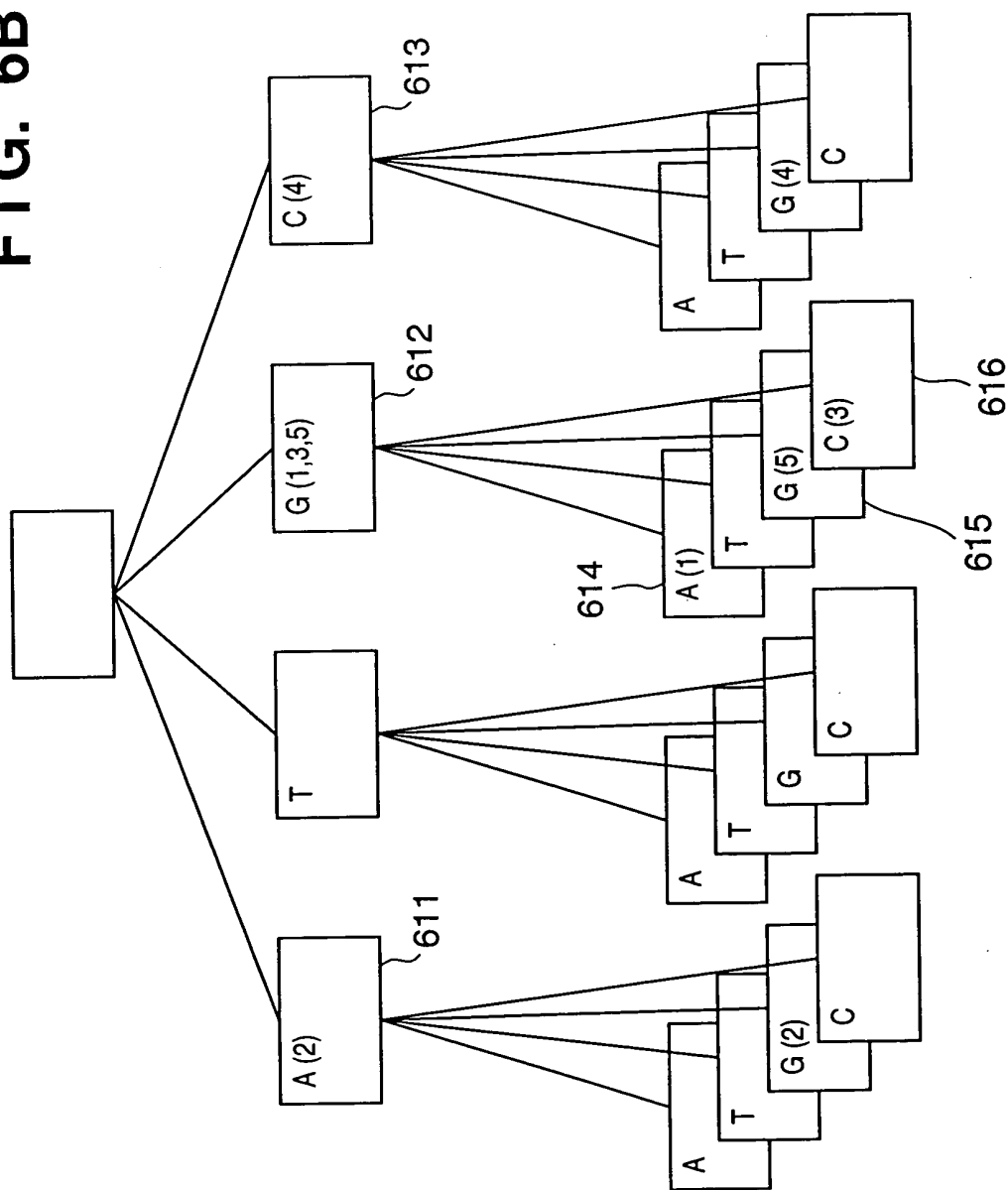
1	GAGGGGTGC GGTGCTGGA AAGATGCATC TATAACCAAG AGGAGTCCGT ... ..
2	AGCGGGTGC GGTGCTGGA AAGATGCATC TATAACCAAG AGGAGTCCGT ... ..
3	GCGGGTGC GGTGCTGGA AAGATGCATC TATAACCAAG AGGAGTCCGT ... ..
4	CGGGTGC GGTGCTGGA AAGATGCATC TATAACCAAG AGGAGTCCGT ... ..
5	GGGTGC GGTGCTGGA AAGATGCATC TATAACCAAG AGGAGTCCGT ... ..
:	:

FIG. 6A



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FIG. 6B



## FIG. 7

PARTIAL SEQUENCE CAG REGISTERED IN NODE

DRB1*0101	GAGCGGGTGC GGTGCTGGA AAGATGCATC TATAACCAAG AGGAGTCCGT	NULL
DRB1*04011	GAGCGGGTGC GGTTCCTGGA <u>CAG</u> TACTTC TATCACCAG AGGAGTACGT	21
DRB1*07011	GAGCGGGTGC <u>AG</u> TTCCTGGA AAGACTCTTC TATAAC <u>CAG</u> G AGGAGTTCGT	10, 37
DRB1*15011	GAGCGGGTGC GGTTCCTGGA <u>CAG</u> TACTTC TATAAC <u>CAG</u> G AGGAGTCCGT	21, 37



# FIG. 8

PARTIAL SEQUENCE CAGT REGISTERED IN NODE

DRB1*0101	GAGCGGGTGC GGTGCTGGA AAGATGCATC TATAACCAAG AGGAGTCCGT	NULL
DRB1*04011	GAGCGGGTGC GGTCCCTGGA CAGATACTTC TATCACCAGG AGGAGTACGT	NULL
DRB1*07011	GAGCGGGTGC <u>AGTCCCTGGA</u> AAGACTCTTC TATAACCAGG AGGAGTTCGT	10
DRB1*15011	GAGCGGGTGC GGTCCCTGGA CAGATACTTC TATAACCAGG AGGAGTCCGT	NULL

FIG. 9

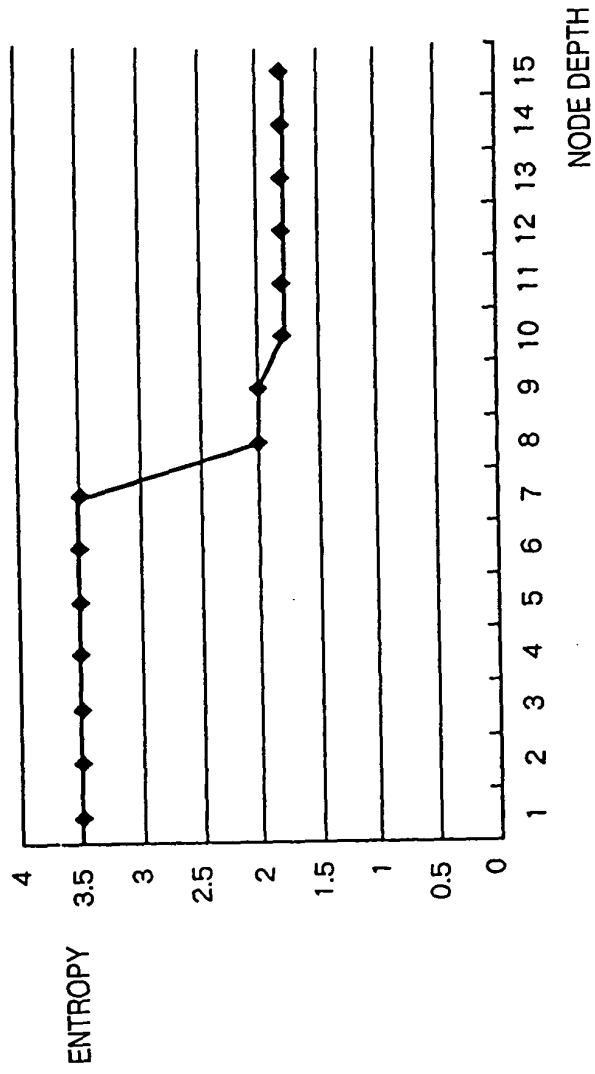
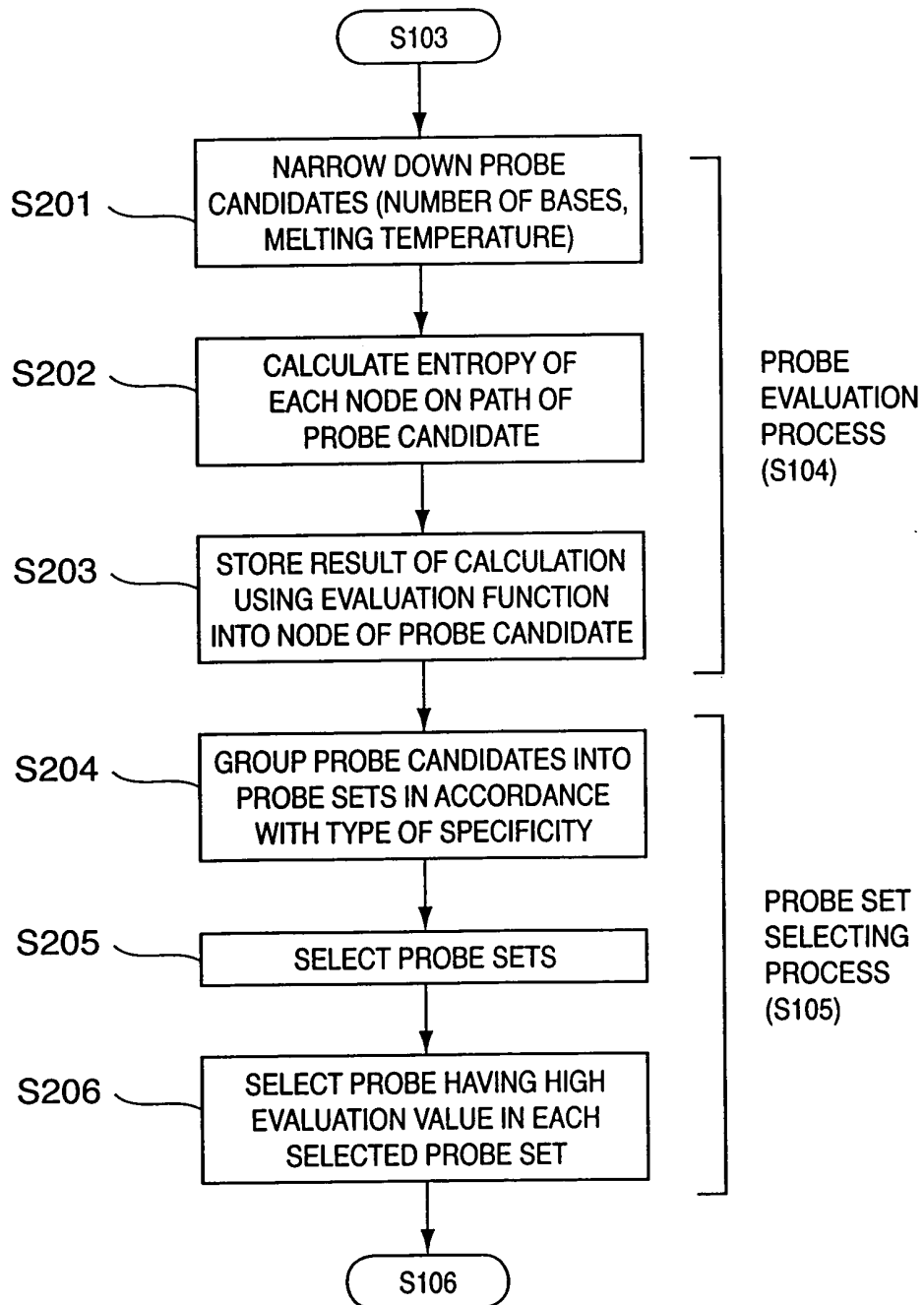
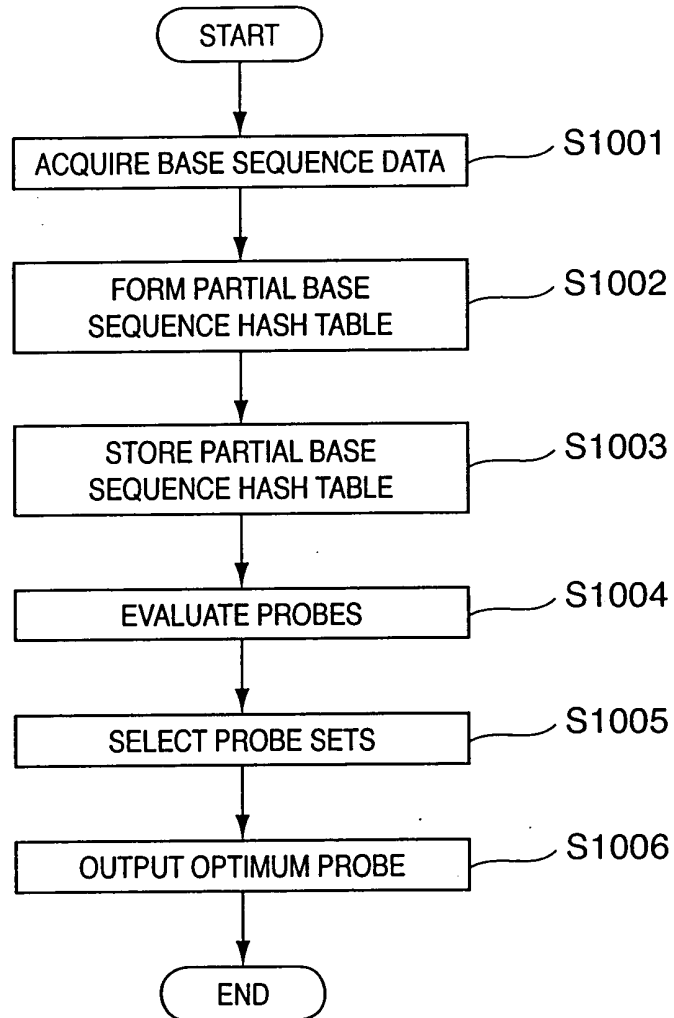


FIG. 10



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FIG. 11



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FIG. 12

DRB1*0101	GAGCGGGTGC GGTGCTGGA AAGATGCATC TATAACCAAG AGGAGTCCGT
DRB1*04011	GAGCGGGTGC GGTTCCTGGA CAGATACTTC TATCACCAAG AGGAGTACGT
DRB1*07011	GAGCGGGTGC AGTTCCTGGA AAGACTCTTC TATAACCAGG AGGAGTTCGT
DRB1*15011	GAGCGGGTGC GGTTCCTGGA CAGATACTTC TATAACCAGG AGGAGTCCGT
SPECIFIC BASE POSITION	----- *----- *----- *----- *----- *

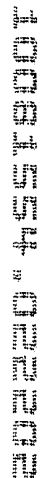
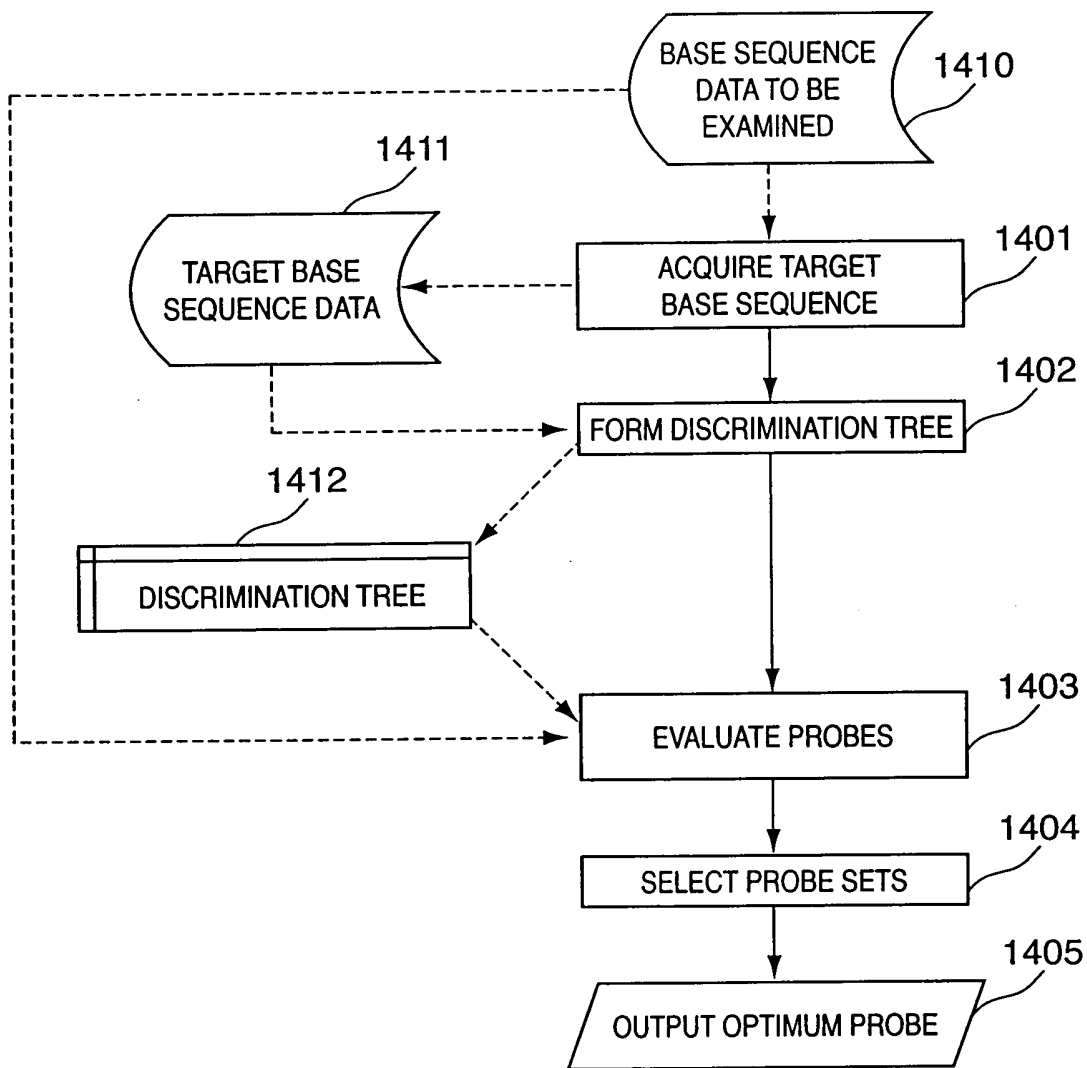
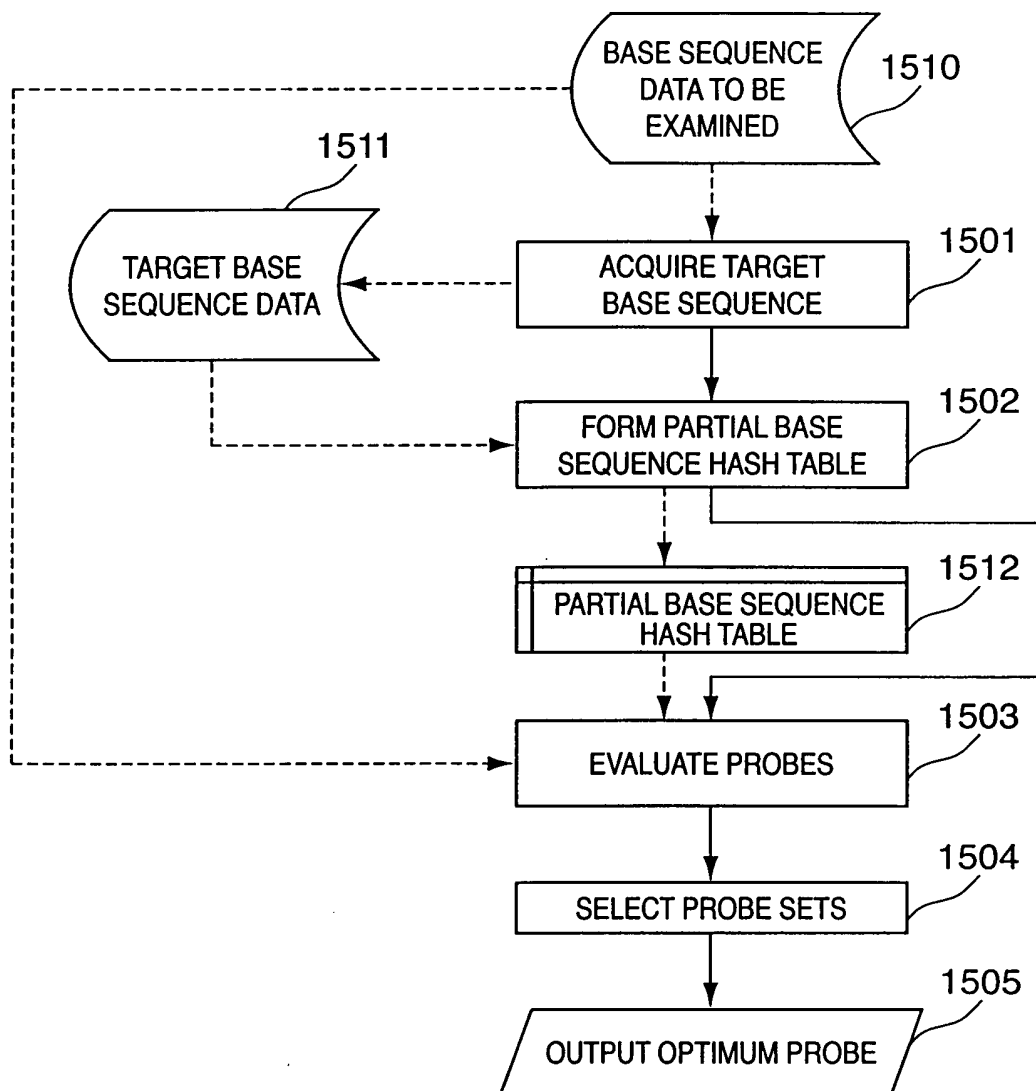


FIG. 14



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FIG. 15



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